

What is claimed is:

1. An image processing system comprising:
a camera for picking up a workpiece; and
an image processing apparatus for capturing image pickup
5 data of the workpiece picked up by said camera and performing
image processing, said image processing apparatus including
a trigger receiving section for receiving a trigger from an
outside, a trigger generation section for generating a
predetermined number of internal triggers at predetermined
10 intervals when said trigger receiving section receives the
trigger from the outside, an image processing section for
performing image processing with respect to each the image pickup
data picked up by the camera by the trigger from the outside
and the internal triggers, and a statistical processing section
15 for performing statistical processing of each image processing
result data from the image processing section.
2. The image processing system as defined in claim 1,
wherein a user can arbitrarily set the number of generations
20 of the internal triggers.
3. The image processing system as defined in claim 1,
wherein said image processing apparatus includes a display
section for displaying a result calculated by the statistical
25 processing section.

4. An image processing method comprising:
receiving an external trigger from the outside;
generating a predetermined number of internal triggers
5 at predetermined intervals when the trigger is received from
the outside;
picking up a workpiece by the trigger from the external
trigger and the internal triggers;
performing image processing with respect to each the image
10 pickup data picked up; and
performing statistical processing of each image
processing result data obtained from the image processing.

5. The image processing method as defined in claim 4,
15 further comprising:
setting the number of generations of the internal
triggers.

6. The image processing method as defined in claim 4,
20 further comprising:
displaying a result calculated from the statistical
processing.